

FABRICATORS & FINISHERS

OF ARCHITECTURAL

ALUMINUM PRODUCTS



ENTRANCES

STORE FRONTS
CURTAIN WALLS
CUSTOM FABRICATION

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A.I.A. File No.

16-E

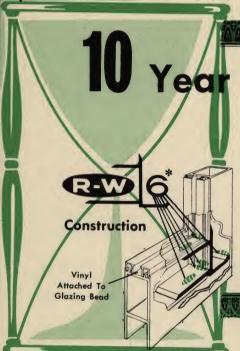
THE LUMILINE
CORPORATION
DUNNELL LANE, PAWTUCKET, R. I.

ADVANCE DESIGN

Plus

GUARANTEE TIME ... by ALUMI

Only The Alumiline Corporation has designed and perfected aluminum door construction with R-W6 to allow you to give vour customer a



Year GUARANTEE

The Alumiline Corporation guarantees replacement or repair of door, if, under any but abnormal use or accident, R-W 6 door corner breaks within 10 years from the date of purchase.

*R-W6 The exclusive Alumiline method of fusing a machined corner reinforcement to the stile and rail with 6-high tensile welds.

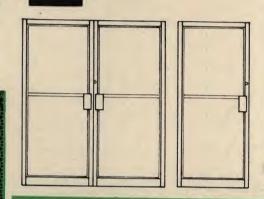
What better proof of quality can we offer to you . . . and you, in turn, offer to your client, than a 10 year guarantee of quality. The Alumiline Corporation makes this guarantee because exhaustive tests prove Alumiline doors with R-W6 tensile welded construction to be four times stronger than other designs.

Specify guaranteed quality as well as beauty . . . specify Alumiline doors, available in clear alumilite and architectural colors.

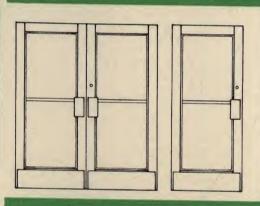
Alumiline's advance design also features:

- Unique glazing principle, eliminates screws, permits faster installation.
- Accommodates glass up to 3%" thick and a wider range of hardware.
- Can be custom built to meet architect's specifications.
- Alumilited finishes offer choice of polished Alumilite, Satin Alumilite and Architectural colors, Gold Lite, Red Lite, Blue Lite and Black Lite.

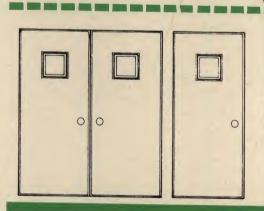
Architectural colors are available on complete door or may be used as colored rim on glazing sections and push-pulls.



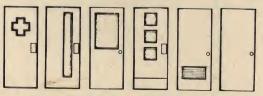
NARROW STILE DOORS



WIDE STILE DOORS



HONEYCOMB FLUSH PANEL & HEAVY DUTY FLUSH PANEL DOORS



Typical Flush Panel Door Modifications

NARROW STILE DOORS

CLEARANCES -

1/8" at Meeting Rails

1/4"at Jambs

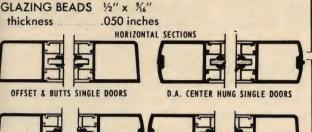
1/8" at Transom

36" at Threshold

SPECIFICATIONS -

TOP RAIL	134" x 214"
STILES	134" x 21/8"
BOTTOM RAIL	13/4" x 4"

thickness .125 inches





D.A. CENTER HUNG PAIRS OF DOORS

VERTICAL SECTION

Only Alumiline doors are manufactured with R-W6, the exclusive method of fusing a machined corner reinforcement to the stile and rail with 6 high tensile welds. Exhaustive tests prove these doors stronger - so strong that they are guaranteed for 10 years against corner breakage.

See Page 4 For Hardware Schedule

STANDARD DOOR SIZES

TYPE	DOOR OPENING	DOOR SIZE
SINGLE	3'0" x 7'0"	2'11%" x 6'11%"
SINGLE	3'6" x 7'0"	3'5%" x 6'11%"
PAIR	5'0" x 7'0"	2'5%" x 6'1.1 %6"
PAIR	6′0″ x 7′0″	2'11%" x 6'11\%"

SPECIAL SIZE DOORS - Readily Available

WIDE STILE DOORS

SPECIFICATIONS -CLEARANCES -

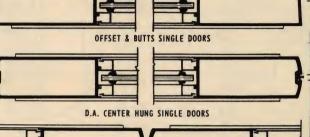
TOP RAIL 134" x 41/2" STILES 134" x 41/2" BOTTOM RAIL 10" High GLAZING BEADS 1/2" x 1/4"

thickness .050 inches HORIZONTAL SECTIONS

1/8" at Transom 36" at Threshold

1/6"at Jambs

1/8" at Meeting Rails



MEETING RAILS OF PAIRS

Aluminum doors are particularly attractive finished in architectural colors. The Alumiline Corporation has pioneered in architectural aluminum finishes and their superior Gold Lite, Blue Lite, Black Lite and Red Lite have stood the test of time. Through color, the architect can achieve outstanding design effects at a very moderate increase in cost.

STANDARD HARDWARE DIMENSIONS

For Standard Size Doors

From The Bottom Of Door

LOCK	- 4'5"	— to ♥ of Cylinder
PUSH BAR H-105	- 3'9½"	— to top of handle
PULL HANDLE H-208	- 3'9%"	— to top of handle
PULL HANDLE H-101	— 3′10¾"	— to top of handle
PANIC BAR	- 3'1"	— to ⊈ of crash bar
BUTTS-from TOP of door	- 4½"	- to top of upper butt_
	- 5'11 ¹³ / _{6"}	 to top of bottom butt

HONEYCOMB FLUSH PANEL DOOR—Type "H"

Thickness - 134".

Core - 18% Resin impregnated Honeycomb.

Facing - .040 Ribbed Pattern Alumilited aluminum sheet - all other .040 patterned sheets are available.

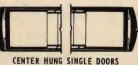
Back-Up-.100 Tempered

Hardboard.

Sub Frame - Special design extruded "H" member at perimeter of core to receive hardware and interlock edges of face sheet.

Edging - applied astragals at stiles.







OFFSET & BUTTS PAIRS OF DOORS

HORIZONTAL SECTIONS For typical hardware schedules see page 4.

Substitute knob lock set for push bar H-105, pull handle H-208, and cylinder deadlock. (Knob Lock sets are standard on flush

VERTICAL SECTION

HEAVY DUTY FLUSH PANEL DOOR-Type "G"

face 2" at perimeter molding.

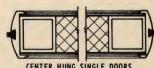
Core-11/2" square aluminum tube grid with welded joints.

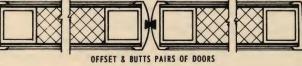
Facing - .081" Alumilited aluminum sheet.

Thickness — 134" face to Insulation — Fiberglass fills grid core voids. Special stripping insulates tube grid from face sheets.

> Edging - Alumilited extruded aluminum.







HORIZONTAL SECTIONS

Panic Devices - Flush Panel Doors are designed to receive all standard concealed or exposed devices. (See Page 6) For door sizes and clearances (see above). Special sizes are readily available.

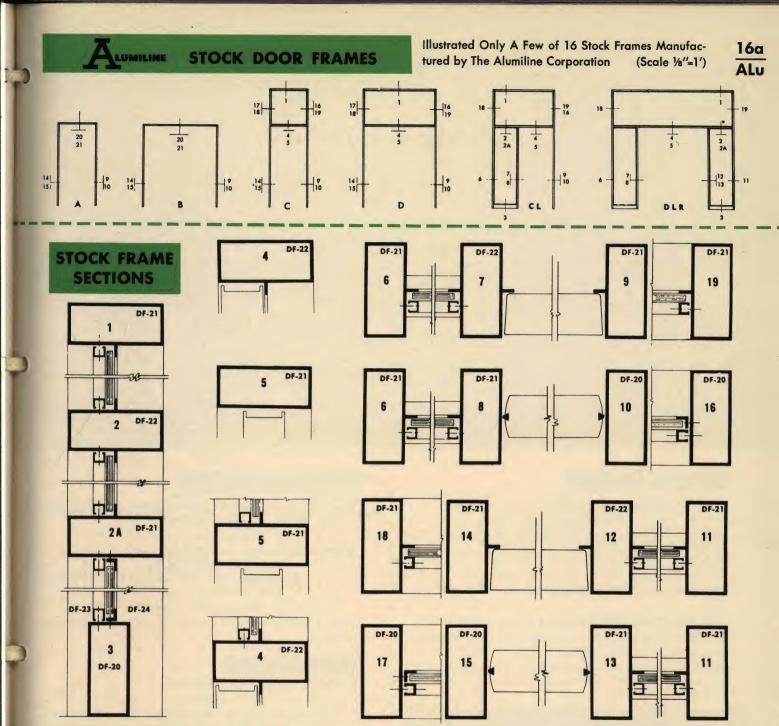
VERTICAL PAGE

SCALE 1/4 SIZE

See Alumiline Full Size Details For Complete Dimensions And Construction Drawings.

3

For Safety, Strength and Long Life Specify. ENTER PANEL DOORS Center panel protects the public against injury from glass breakage. Horizontal mullions provide for additional reinforced and welded joints for greater strength. Single doors with center post and rim type panics prevent illegal entry with wires. Rim type panics re-Panic Crash Bar duce maintenance. is Concealed From Outside Enhances entrance design by concealing crash bar of Constructed with R-W panic device. Narrow Stile Center Panel Doors Wide Stile Center Panel Doors SPECIFICATIONS SPECIFICATIONS 134" x 21/4" Top Rail Top Rail 134" x 41/2" 134" x 21/8" Stiles Stiles 134" x 41/2" 13/4" x 4" **Bottom Rail Bottom Rail** 10" high 134" x 134" Muntins 134" x 134" Muntins .125 inches Thickness .125 inches Thickness Glazing Beads 1/2" x 1/6" Glazing Beads 1/2" x 1/6" Thickness .050 inches Thickness .050 inches Special Note: Muntins rein-Special Note: Muntins reinforced and welded to stiles. forced and welded to stiles. **Built Up Bottom Rails** Bottom Rail Height Variable Available Panic devices — if required, change typical hardware schedule as 4½" wide stile receives most of the standard unit locks 1. Delete lock, flush bolts and pushbar H-105 and mortise locks. Rim type panic devices with cases up to 4" wide are applicable. 2. Add panic device — See Page 6 NOTE: With Detroit concealed or rim type devices use Alumiline H-102 or Detroit 40 40 pull handles due to cylinder location. Center panel can be padded to receive other adaptable rim type devices. SCALE 1/4"-1" ALUMILINE CENTER PANEL DOORS are furnished with Concealed or Rim Type Panic Devices A Locks with Cylinders or Locks Less Cylinders 2 Concealed or Exposed Door Holders To Receive Master Keyed Cylinders by Others Butt Hinges or Hanging Stile Pivots S Overhead Closers or Floor Checks HARDWARE SCHEDULES (per leaf) ALL DOORS **BUTT DOORS** 1 - pr. flush bolts (inactive leaf) 1 - 98-7 threshold 1/2" high, width 1 - 1-5/32" diameter double 1 - hanging stile pivot set of door opening cylinder deadlock (active leaf) 1 - H-208 pull handle DOUBLE ACTING DOORS 1 - pr. flush bolts (inactive leaf) 1 - H-105 push bar 1 - 1-5/32" diameter double 1 - pr. 41/2"x 4"ball bearing butts 1 - overhead door closer cylinder deadlock (active leaf) 1 - H-208 pull handle 1 - 98-4 threshold 1/2" high, width 1 - pr. flush bolts (inactive leaf) VARIES 1 - H-105 push bar of door opening 2 - H-105 push bars 1 - overhead door closer OFFSET DOORS 1 - center hung D.A. floor check 1 - 98-4 threshold 1/2" high, width 1 - 98-7 threshold 1/2" high, width 1 - 1-5/32" diameter double of door opening of door opening cylinder deadlock (active leaf) HANGING STILE 1 - pr. flush bolts (inactive leaf) NOTE: **PIVOT DOORS** 1 - H-208 pull handle For Wide Stile Doors and Center 1 - 1-5/32" diameter double 1 - H-105 push bar Panel Doors substitute H-101 pull NARROW STYLE WIDE STYLE PAGE cylinder deadlock 1 - offset single acting floor check handle in place of the H-208. VERTICAL SECTIONS 4 (active leaf) SCALE 1/4 SIZE



STOCK FRAMES AND SIDELITES

CONSTRUCTION Alumiline's stock entrance units are fabricated with 13/4" x 4" x 1/8" wall extruded aluminum tubes with removable glazing

beads.

K. D. UNIT Stock frame units are shipped knocked down with accessories

for field assembly.

PREFABRICATED

All Alumiline entrance units are also available completely prefabricated. Cradles to accurately position the floor checks are

CUSTOM FRAMES Stock a

MES Stock and custom design frames are available with the framing

sections shown above.

FINISH All stock units are furnished in Alumiline's polished Alumilite

204-A1-R1. Other Alumiline finishes available.

STYLE	DOOR	FRAME	MASONRY
	OPENING	SIZE	OPENING
A	3'-0" x 7'-0"	3'-3½" x 7'-1¾"	3'-4" x 7'-2"
	3'-6" x 7'-0"	3'-9½" x 7'-1¾"	3'-10" x 7'-2"
В	5'-0" x 7'-0"	5'-3½" x 7'-1¾"	5'-4" x 7'-2"
	6'-0" x 7'-0"	6'-3½" x 7'-1¾"	6'-4" x 7'-2"
С	3'-0" x 7'-0"	3'-3\/2" x 10'-3\/2"	3'-4" x 10'-33/4"
	3'-6" x 7'-0"	3'-9\/2" x 10'-3\/2"	3'-10" x 10'-33/4"
D	5'-0" x 7'-0"	5'-3½" x 10'-3½"	5'-4" x 10'-3 ³ / ₄ "
	6'-0" x 7'-0"	6'-3½" x 10'-3½"	6'-4" x 10'-3 ³ / ₄ "

MILINE PUSH & PULL HANDLES



LOCKING DEVICES

DEADLOCKS-Single and double cylinder deadlocks with standard 1-5/32" cylinders or thumb turns.

LATCH LOCKS-With 1-5/32" cylinder outside and lever handle or thumb turn inside.

With lever handles both sides in conjunction with double cylinder deadlock.

KEY-IN-KNOB LOCK SETS-For flush panel or wide stile doors.

LATCH HANDLE LOCKS-For flush panel or wide stile doors. ELECTRIC STRIKE-Operates with latch-type lock. Requires a minimum of 2" face of frame.

MASTER KEYING-Locks are available with cylinders master keyed or without cylinders set up to receive cylinders by others.



PANIC EXIT DEVICES

VON DUPRIN NARROW LINE CONCEALED DEVICES

Finish US26D (Bronze Chrome Plated) or US27 (Brushed Aluminum)

DETROIT SERIES 200, CONCEALED DEVICE FOR NARROW LINE DOORS SERIES 300, RIM TYPE DEVICE FOR NARROW LINE DOORS

Finish US26D (Bronze Chrome Plated)

Other adaptable devices are furnished to architect's specifications.

DOOR CLOSERS

EXPOSED OVERHEAD CLOSERS

Yale - No. 50 & No. 80 Series

Other adaptable closers are furnished to architect's specifications.

CONCEALED FLOOR CLOSERS

Rixson - Offset, single acting center hung and double

Dor-o-Matic - Offset, single acting center hung and double acting.

With or without hold open feature at 90° or 105° With or without positive backstop at 90° or 105°

Floor hinge cradles are available on factory prefabricated

frame units to accurately position floor hinges.

DOOR HOLDERS

GLYNN JOHNSON

#200 Series Concealed Holder For Double Acting Doors

#100 Series Concealed Holder For Single Acting Doors

90 Series Quality Exposed Holder For Single Acting Doors

80 Series Exposed Holder For Moderate Cost Installations

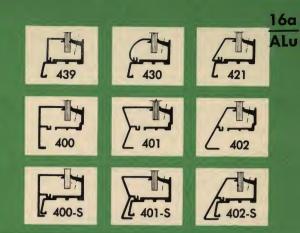


For Economical Installations

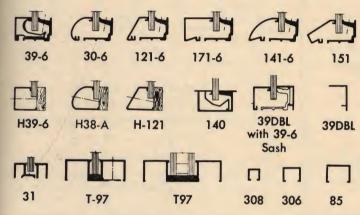
Specify ALUMILINE

"400" SERIES SASH & SILL COMBINATIONS

These economical units establish a 2-piece installation method instead of the normal 3 to 4 piece procedure resulting in lower cost of materials as well as lower cost of installation.



SASH AND BEAD



2" COVERS 1%" COVERS %" COVERS 560 SERIES 90 SERIES 267 252-6 281-6 563 90 243 269 564 212-6 271-6 268-6 57A 270-6 For Use 562 With Sash 171-6, 242-6 141-6 & 151.

SILLS, HEADS AND JAMBS

The Alumiline Corporation manufactures a complete line of heads, sills and jambs for flush and recessed conditions. Heads and jambs are adjustable for greater flexibility.

Extruded Aluminum — Alumiline Sash and Bead is manufactured of extruded aluminum — easier to handle, easier to install and free of wayes.

Glass Grab — Deeper glass grab for easier and safer installation.

Flexible Spring Clip — Cushions glass-to-metal contact.

Designs - Wide range of designs including half sashes.

Sash for Insulating Glass — Adjustable for thicknesses from 1/8" to 1" and designed for bedding glass in compound as recommended by glass manufacturers.

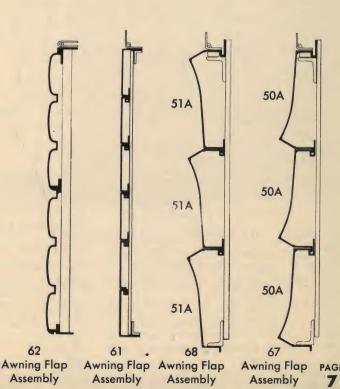
NOTE: 39DBL is used with a 39-6 and 171-6 sash to provide a double face sash effect with the excellent qualities of a spring set sash.

AWNING FLAPS

Complementary Designs: Designed to be used with various Alumiline fascia to assure a complementary design throughout.

Flap Sizes: Alumiline Awning Flaps can be made to specific sizes computable with multiplicities of the basic dimension.

Extruded Aluminum: Awning flaps are manufactured of extruded aluminum . . . easier to handle, easier to install and free of waves.



SCALE 1/4 SIZE

250 Series

212-6

250

252-6

242-6

243

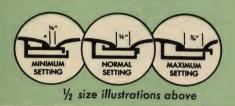
Designed For Attractive Appearance and Ease

of Installation

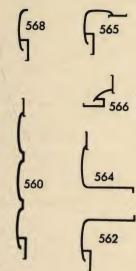
UMILINE

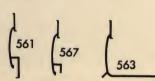
560 Series: A pleasing contour with extreme flexibility at heads, jambs, sills, corners and reverse turns.

ADJUSTABLE INTERLOCK SETTINGS



Three positive settings allow the opening to be varied over a 5/16" adjustment. Thus, variations in wood and stud dimensions can be easily taken-up to effect an easy, properly fitted installation.





Note #215 interlock is used with two #212 to form pilaster cover.

52A 57A 250 Series: Alumiline's "straightline" fascia, including sill, head and jamb, designed for easy installation.

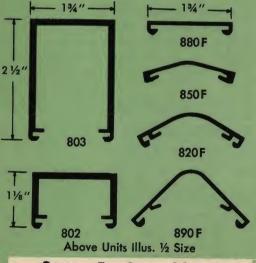
90 Series

90 Series: Fascia shapes for outstanding scalloped picture frame and unique architectural effects.

Extruded Aluminum: Fascia sections are manufactured of extruded aluminum . . . easier to handle, easier to install and free of waves.

UMILINE **DIVISION BARS**

These Six Basic Members Assemble Into 15 Bars



Screws For Assembly of Division Bars

Only 4 basic screws are required to assemble all KD division bars

800-X6 Assembly screw for 820, 850, 880, 890

800-X7 Assembly screw for 806, 808, 822, 852, 882, 892

800-X8 Assembly screw for 823, 883 800-X9 Assembly screw for 807, 809,

853, 893 PAGE

Versatility: For each face angle a variety of back stiffeners are available.

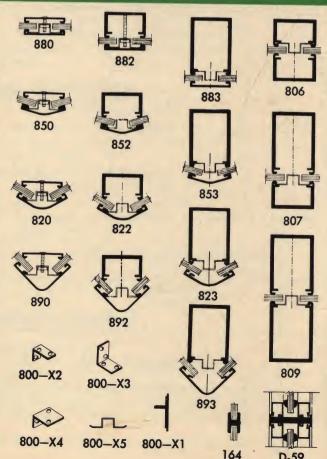
Glass Grab: Deeper glass grab for safer and easier installation.

Flexible Spring Clip: Cushions glass-to-metal contact.

Phillips Hex Head Screws: In stiffeners for neat appearance. Hex head feature allows tightening in limited access areas.

Alumilited Aluminum: On both face AND BACK STIFFENERS. No chance of ugly rust stains.

Special K-D Construction: K-D construction allows assembly of 15 division bars from 6 basic members offering the advantages of flexibility and smaller inventory requirements.



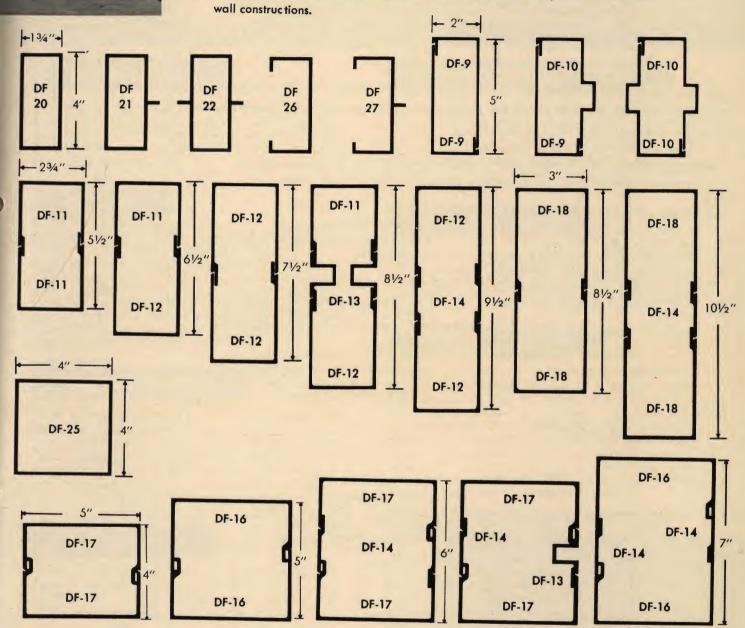
SCALE

1/4

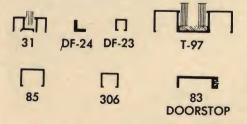




The Alumiline Corporation's DF Framing Sections allow the architect greater variety of design in planning door frames, entrances, window expanses, and curtain wall constructions.



The following illustrations are glazing beads and door stops which may be used in conjunction with DF Framing Members and other Alumiline materials illustrated in this catalog.



SCALE 1/4 SIZE

SPECIAL NOTE

Structural Architectural Shapes

The Alumiline Corporation has a complete line of standard architectural shapes and sheet products such as angles, channels, tubes, etc. These are available in clear alumiline or architectural colors — Gold Lite, Blue Lite, Black Lite and Red Lite

ALUMILINE CURTAIN WALL

969 SERIES CURTAIN WALL

969 Series Curtain Wall is an "Engineered" Modular Wall System designed by Alumiline to meet the requirements of current architectural designs and current building designs.

Alumiline has produced a wall system meeting the required design standards developed by the many recent Curtain Wall Seminars.

969 SERIES CURTAIN WALL provides:

- Modules to span 20 feet at 4 foot widths under 20 PSF wind loads.
- ¾" rabbitts required for glazing large glass lites, insulating glass and panels.
- Direct screw applied glazing beads as recommended by major sealant manufacturers.
- Weathered interlocking mullions and heads to allow for vertical and horizontal movements due to expansion and building movements.
- Awning and hopper type ventilators.

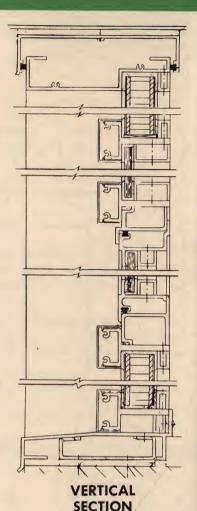
FINISHES:

Alumiline's Polished Alumilite (204-A1-R1)

- Etched and Anodized (204-R1)
- Architectural Colors: Gold Lite, Blue Lite and Black Lite.

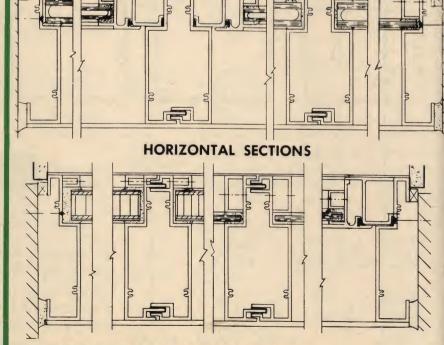
ENTRANCES and DOORS:

- To maintain a continuity of design, Alumiline Entrance Doors with RW⁶ may be incorporated in the 969 Series Wall System.
- Many different architectural effects may be obtained by coordinating Alumiline's large variety of framing members with the 969 Series Wall System.



SCALE 4 SIZE





See Alumiline Full Size Details For Complete

Dimensions and Construction Drawings



LUMILINE CORPORATION

FABRICATORS & FINISHERS OF ARCHITECTURAL ALUMINUM PRODUCTS

STORE FRONTS

The Alumiline Corporation manufactures a complete line of extruded aluminum store front construction including sash, sill, division bars and fascia. These materials are designed to be used in conjunction with Alumiline's doors, entrances and curtain wall.

DOORS

Alumiline doors with R-W 6 have received nationwide recognition for superior quality. R-W 6 emphasizes Alumiline's method of fusing a machined aluminum corner reinforcement to the extruded stile and rail with 6-high tensile welds to assure a quality door that you can recommend with a 10-YEAR WRITTEN GUARANTEE of satisfaction. The Alumiline Corporation manufactures a complete line of doors including narrow stile, center panel, wide stile, flush panel and sliding doors.

SLIDING DOORS

While sliding doors are not included in this catalog, The Alumiline Corporation has a separate Sliding Glass Door division that manufactures an exceptional line of sliding glass doors for residential and business application. You may obtain a copy of Alumiline's Sliding Glass Door Catalog by writing directly to The Alumiline Corporation, Pawtucket, Rhode Island.

ENTRANCES

Alumiline offers a complete line of entrance designs with framings from 1%'' x 4'' tubing up to 3'' x 10%''. Units are available with reinforcing steel or are designed to be re-assembled around structural steel by others.

CUSTOM WORK

The Alumiline Corporation fabricates a wide variety of unusual and highly specialized architectural products such as custom designed doors, frames, church steeples, religious emblems, handrails, decorative grills, and laminated products. These are designed and manufactured to the exact specifications of the builder or architect and are available in clear Alumilite or in architectural colors. On the following page you will see examples of custom work crafted by The Alumiline Corporation.

ARCHITECTURAL COLORS

Alumiline's time-tested architectural colors — Gold Lite, Blue Lite, Black Lite and Red Lite are applicable to all our products. The Finishing Division of The Alumiline Corporation has pioneered in the research and development of architectural color applications and the Company has a reputation for high quality uniformity and dependability on architectural color work.

CURTAIN WALL

Alumiline manufactures a curtain wall system that meets all of the required design standards developed through the many recent Curtain Wall Seminars. Our 969 series is an engineered modular wall system that meets today's design standards.

PLANT FACILITIES

Alumiline manufacturing facilities are completely integrated — engineering, fabrication and finishing are all coordinated under one roof in our Rhode Island factory. Our Finishing Division, for example, is one of the most modern, complete and automated in the industry and adds to the customer's assurance of uniform dependability of finish at lowest possible cost. Years of experience in handling stock, fabricating and custom construction are the intangible ingredients that provide the customer with the quality, thoroughness and accuracy desired.

WAREHOUSE FACILITIES

To speed deliveries to specific areas in the United States, The Alumiline Corporation maintains warehouses in Hicksville, Long Island and Chicago, Illinois. The complete addresses are listed below. Most of all the items covered in this catalog are stocked in clear Alumilite for immediate delivery at both these warehouses. Many items are also stocked in Alumiline's popular Gold Lite.

SPECIFICATIONS AND BULLETINS

The Alumiline Corporation MASTER FILE OF DATA with complete specifications of all our products is available to architects and engineers. In addition, the following technical bulletins are available: Heat Transfer Terminology, Design for Fascia in Architectural Colors, Architectural Aluminum Anodizing, Basic Designs of Narrow Stile Doors and Sliding Glass Doors.

THE ALUMILINE CORPORATION

DUNNELL LANE . PAWTUCKET, RHODE ISLAND . PAWTUCKET 5-9400

MID-WEST WAREHOUSE 1503 W. 35th Street Chicago, Illinois

EASTERN WAREHOUSE 50 Beth Page Road Hicksville, Long Island, New York



THE LUMILINE CORPORATION

CUSTOM WORK

The Alumiline Corporation fabricates a wide variety of specialized custom architectural products such as church steeples, religious emblems, crosses, handrails, powerhouse doors and laminated products. Our engineering department works hand-in-hand with architects and company engineers in designing, fabricating and constructing architectural alumium products to exact specifications.





Illustrated on this page are a variety of jobs in which aluminum standard entrances and doors are used in conjunction with custom aluminum products manufactured by The Alumiline Corporation for customers throughout the United States and the rest of the world.

CORPORATION

DUNNELL LANE . PAWTUCKET, RHODE ISLAND PAWTUCKET 5-9400

MID-WEST WAREHOUSE 1503 W. 35th Street Chicago, Illinois

EASTERN WAREHOUSE 50 Beth Page Road Hicksville, Long Island New York

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